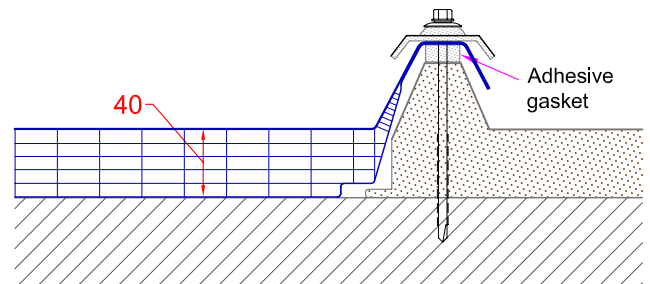
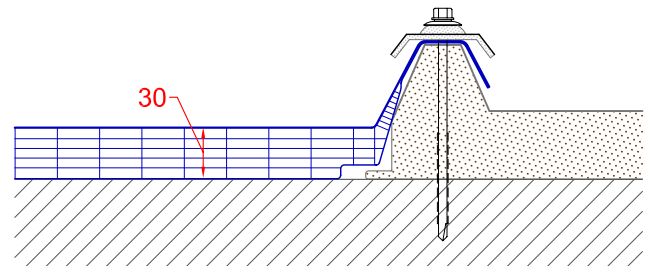


(\*) Standard width of lateral hooks - modifiable on request

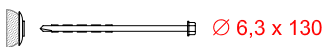
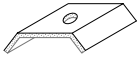

(\*\*) Standard height of lateral hooks - modifiable on request

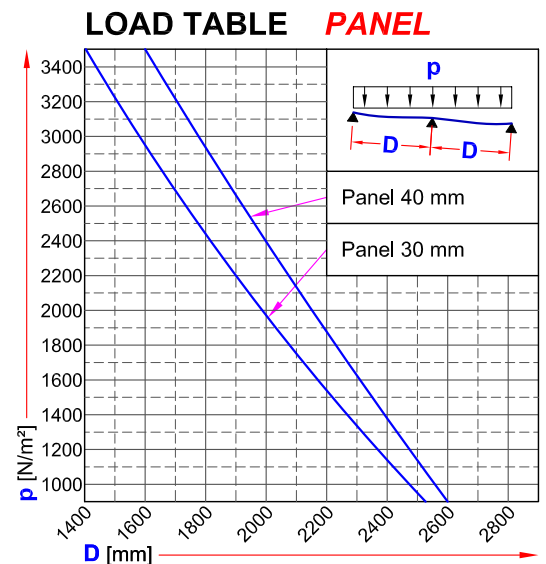
Minimum recommended inclination for roofing: 4° (7%)

TECHNICAL DATA <b>PANEL</b>			
Thickness	<b>30</b>	<b>40</b>	mm
Total height	83	93	mm
Number of walls	6		
Number of waves	2		
Pitch of waves	~ 1000		mm
Modular width	1000 ± 5		mm
Length on request	max. 13500		mm
Thermal transmission [U]	1,32	1,15	W/m <sup>2</sup> K
Light transmission: Transparent (*)	~ 59	~ 54	%
White Opaline	~ 30	~ 20	%
Thermal expansion	0,065		mm/mK
Temperature range	-40 / +120		°C
Fire classification EN 13501-1	B s2 d0		
(*) standard - other colours produced on request for quantities			



Side junction on composite panel roof

ACCESSORIES	Description
	Selftapering screw for steel with maxi washer and gasket
	Cap with gasket
	PE adhesive gasket - 10 mt. rolls



## SPECIFICATION TEXT

Rooflight with 6-walls polycarbonate panels UV-protected on external side, with taped end edges, modular width 1000 mm, thickness ...(\*), thermal transmission ...(\*), colour ...(\*\*), (type **AKRALUX PANEL** of Akraplast Sistemi).

- (\*) alternatively:
- thickness **30 mm**, thermal transmission **U=1,32 W/m<sup>2</sup>K**
  - thickness **40 mm**, thermal transmission **U=1,15 W/m<sup>2</sup>K**
- (\*\*) alternatively:
- colour **Transparent**
  - colour **White Opaline**
  - colour ..... (other)

## WARRANTY

The **AKRALUX PANEL** sheets are protected against UV-rays on the external side with co-extrusion process. In Europe they are covered by **10 YEARS WARRANTY** from the date of purchase against yellowing and weather damages (hail etc.). For Extra-European Countries the warranty may have a different duration. For further details, please ask for the Warranty Certificate.

## CERTIFICATIONS

With regards to the fire performance, the **AKRALUX PANEL** sheets are classified in European Fire Class **EN 13501-1: B s2 d0**. For further details, please ask for copy of the respective certificate.

## RESISTANCE to CHEMICAL AGENTS

Please contact us to ask about compatibility with chemical agents.

## POSITIONING, TOOLS and FIXING

The sheets should be positioned with the UV protected side being on the external face.

Recommended minimum slope 4° (7%).

When cutting the sheets a metal saw with fine teeth should be used.

The positioning of the sheets is the same as metal profiled sheets and sandwich panels, likewise the tools for working with the product are the same as would be used for metal sheeting.

Screws with a washer gaskets and shaped crown washers with a gasket are used to fix the sheets.

When fixing the sheets pre-drill a bore hole, which must be wider than the screw diameter, to allow thermal movements.

If required, a compatible silicone for use with polycarbonate should be used.

## CARE and MAINTENANCE

The sheets should not be stored without proper protection under the influence of sun and weather.

It's recommended to clean the sheets regularly in order to remove dirt due to dust and atmospheric pollution.

To clean the sheets use cold or lukewarm water and (if necessary) neutral detergents. Don't use abrasive cloths, hot water and/or chemical detergents. Avoid to clean the sheets when they are overheated by the sun.

**Responsability clause:** the values and recommendations given are to the best of our knowledge, true and accurate. Since the conditions under which the products may be used are beyond our control, recommendations are made without guarantee. These indications do not exempt the customer from ensuring that the materials selected correspond to his requirements and to the laws in force.

AKRAPLAST Sistemi SpA reserves the right to change specifications at any time.